



DynaFlex II PED Kiosk Products

Hardware Inspection

DynaFlex II PED Kiosk Products are secure card reader authenticators that deliver magstripe, EMV Contact Chip, EMV Contactless, and NFC contactless reading capability. Models are available to suit most applications, offer various mounting and stability features, and deliver a smart solution in a small form factor. BCR models additionally offer barcode reading. DynaFlex II BCR additionally offers barcode reading and DynaFlex II PED offers a touchscreen for signature capture, manual entry of card data, and PIN for POS and banking applications.

Top

Form Factor

Check the overall form factor for signs of attempted entry. Directional icons may be printed on your device. BCR models will have a camera. DynaFlex II PED products are made from molded plastic with a rubberized coating with a matching black lens on the face.

Barcode Reader

BCR (barcode reading) devices have camera lens and surrounded by barcode icon.

LCD Display / Touchscreen /

Contactless Landing Zone

There is an all-in-one screen: touchscreen, contactless landing zone, and LCD display. The display is back-lit. Look for any signs of tampering or a false screen overlay. The screen is inset and measures 2.27in. (57.60mm) X 1.70 in. (43.20mm). The contactless landing zone is hidden behind the screen. User's fingertips to capture signatures, PIN entry, and manual entry instead of a stylus on the touchscreen.



Form Factor

	DynaFlex II PED Kiosk	DynaFlex II PED Kiosk BCR
Dimensions	4.1 x 3.5 x 1.9 in. (103.3 x 90.0 x 48.3 mm)	4.1 x 3.7 x 1.9 in (103.3 x 95.1 x 48.3 mm)
Weight	USB: 9.6 oz. (276 g) WLAN: 8.9 oz (252 g)	USB: 9.92 oz (279.5 g) WLAN: 10.12 oz (285.5 oz)

Look for any added components, size, or weight. Check for signs of cutting, tapping, and bending.

Rubberized Shell

The form factor is a smooth rubberized shell. The seam between the top and underside shell is inset and not shiny plastic. There are no additional electronics or wires. Any breaks in the plastic, scuffs, or damage could be signs of physical tampering and should be reported.

Right Angled



Front

The front of the device is smooth.

Chip Card Insertion Slot

The card slot for the Contact Chip Reader is a smooth, unobstructed path. Other than the contact points that read the chip there are no electronics or wires in the path.

Swipe Path

The swipe path is smooth. The only moving part is the spring-mounted read head that depresses into the device as the card's magnetic stripe makes contact with the read head. There are no electronics or wires in the swipe path.

Left Angled and Cable

Barcode Reader

In select barcode reader models, a barcode reader is along the top of the reader. (Shown here)

LEDs

There are four LEDs between the chip card insertion slot and the magnetic stripe swipe path. These provide signals to the user. See the installation and operation manual for complete LED signaling, found here: <https://www.magtek.com/content/documentationfiles/d998200382.pdf>

USB-C Cable

The device uses a USB-C cable with ferrite sleeve at each end for power and/or communication. Ensure there are no extraneous cables.



Bottom and Back

Carefully inspect the form factor. Make certain there are no additional electronics, wires, or forms added to the device.

Regulatory Compliance

Imprints in the plastic form factor of certification logos and patent information are listed.

Product Label

The product label is located on the underside of the device. The Serial Number, Rev, Date, Part number (PN), MAC ID (MAC) and Hardware PN (HW) are listed as appropriate. Ensure the serial number listed on the back of the device matches the serial number on the display of the device during boot-up; and compare the hardware ID to PCI website and confirm it is valid.

Regulatory Compliance Label

The FCC/IC label lists the product model name, FCC ID and IC numbers.

USB-C

USB-C connection is on the underside of the device. Ensure the cable is connected directly to the correct host USB port.

Charging

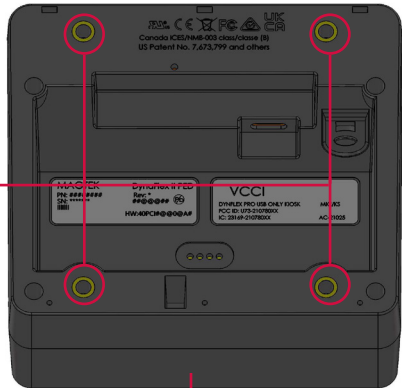
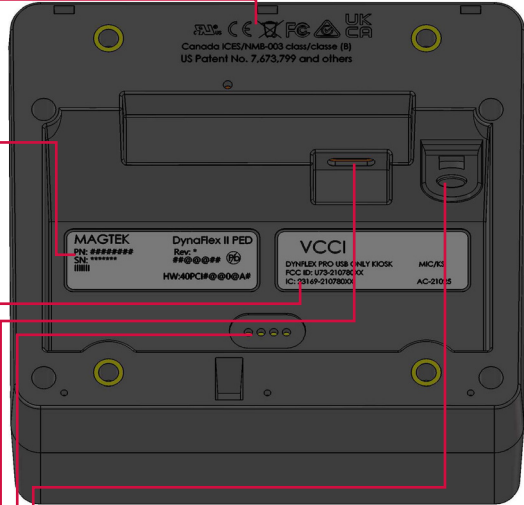
There are four (4) charging cradle contacts on the bottom of the device.

Pushbutton

Tactile switch/button.

4 Threaded Mounting Holes

There are 4 threaded mounting holes.



BACK

The back of the device is smooth, with no extraneous wires or elements.

PCI DEVICE VALIDATION

To check for PCI Validation check the Hardware and Firmware ID. Hardware ID is printed on the label. The firmware ID is accessible via a host command and is displayed. Go to the PCI compliance web page and search for MagTek, and find the product name, DynaFlex II PED Kiosk. Compare the Hardware ID and Firmware ID: https://www.pcisecuritystandards.org/assessors_and_solutions/pin_transaction_devices

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As part of your inspection, include the following for your device inspection audit:

- Be certain to have a list of the devices and include the details listed on the product label.
- It may be helpful to take photos of the top, back, and side of each device.

Be certain to check device part numbers, serial numbers and IDs and check physical connections. Use the chart below as a checklist to inspect the device for signs of tampering. User should report all signs of tampering as per standard protocol.

Are there signs of tampering:	Signs of tampering	
	YES	NO
Site Inspection		
Form Factor - check overall form factor		
Top		
Signature Capture (optional - no stylus included)		
Magnetic Stripe Swipe Path		
LCD Display and Contactless Landing Zone		
EMV Chip Card		
Barcode reader camera		
Front, Left, and Right Sides		
Magnetic Stripe Swipe Path		
Rubberized Shell		
Form Factor		
Cables and charging cradle		
USB-C cable		
Bottom and Back		
Regulatory Compliance Label		
Form Factor		
Cable Connection		
WLAN Connection		
Pushbutton		
Charging contacts		
Labels		
Tripped device		
If there is forced entry, the security switches built into the electronics will be tampered. If they are tampered the sensitive data such as encryption keys and certificates are cleared as part of security measures mandated by PCI and the device will not be available to make transactions.		

NOTICE: If the device has detected a tamper, DynaFlex II PED Kiosk Products cannot be repaired in the field. Follow RMA procedures. Devices must be returned to the factory for repair.

Features: Some features and functions may be documented, but not available with the current release of the product. Please contact your MagTek representative for questions about specific features and functions and when they are scheduled to become available.

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